

Patent Claims

1. Process for the production of preparations containing A) at least one active pharmaceutical ingredient and B) at least one excipient but - apart from an effervescent composition which is present where appropriate - no disintegrant, in which at least the predominant part of the complete composition of the ingredients for the preparation to be produced is granulated, the resulting granules and, where appropriate, the remainder of the ingredients are shaped in the presence of 2.5 to 15% by weight of liquid C), based on the total of solid ingredients and liquid, under a pressure of up to 100 N/mm² with a degree of compaction of 30 to 80%, based on moist complete composition to be shaped, and the resulting shaped articles are dried.
2. Process according to Claim 1, in which the active pharmaceutical ingredient A) is selected from the group of analgesics, antacids, antiasthmatics/bronchospasmolytics, antibiotics, psychopharmaceuticals, antidiabetics, antiallergics/antihistamines, antihypotensives, antitussives, laxatives, mucolytics/expectorants, H₂ blockers, local anaesthetics, antiemetics/prokinetics, lipid-lowering agents, agents effective for migraine, sympathomimetics.
3. Process according to Claim 1, in which the excipients B) comprise an effervescent composition.
4. Process according to Claim 1, in which the liquid C) is selected from the group of water, ethanol, isopropanol and mixtures thereof.
5. Process according to Claim 1, in which the particle size of the moist granules before the shaping is a maximum of 2.0 mm.

6. Process according to Claim 1, in which the degree of compaction reached during the shaping is from 30 to 80%.
7. Process according to Claim 1, in which the residual moisture of the composition for shaping is from 5 to 10% by weight before the shaping.
8. Process according to Claim 1, in which the pressure during the shaping is from 0.1 to 50 N/cm².
9. Process according to Claim 1, in which the resulting preparation has a porosity of from 0.4 to 0.7.